WHAT IS CLAIMED IS:

1. A method for automatically customizing and specifying a parallel switchgear system using a computer network-based system including a server coupled to a centralized database and at least one client system, said method comprising the steps of:

accessing a product configurator systemy

selecting switchgear product configurations from a plurality of user interfaces; and

receiving at least one of a bill of material, a drawing and a price quotation for a parallel switchgear system.

- 2. A method according to Claim 1 wherein said step of registering further comprises the step of utilizing a plurality of graphical user interfaces to enter at least one of billing information, project information, shipping information, engineering firm information, and electrical contractor information.
- 3. A method according to Claim 1 wherein said step of accessing a product configuration system further comprises the step of accessing the database to lookup at least one of a customer information, a project's details, a system, an engine generator, and a distribution breaker.
- 4. A method according to Claim 1 wherein said step of selecting switchgear product configurations further comprises the step of the user using a graphical user interface to select at least one of a system configuration, an engine generator configuration, and a distribution breaker configuration.
- 5. A method according to Claim 4 wherein said step of selecting switchgear product configurations comprises the steps of:

using the client system to select various switchgear configurations through pull-down menus; and

submitting the selections to the server.

6. A method according to Claim 5 wherein said step of selecting switchgear various configurations comprises the step of using the system pull-down

menu to select a switchgear system configuration, wherein the switchgear system configuration comprises at least one of a system voltage, a number of generators, a size of generators, an enclosure, a laboratory tested listing, a short circuit rating, a main bus size, and a main bus metering.

- 7. A method according to Claim 5 wherein said step of selecting switchgear various configurations comprises the step of using the system pull-down menu to select an engine generator configuration, wherein the engine generator configuration comprises at least one of a make of generator, governor/load sharing module, a voltage regulation, an alarm shutdown, a grounding system, a PT configuration, a breaker trip unit type, a breaker trip unit model, a breaker size, an annunciation unit type, and a plurality of spare inputs.
- 8. A method according to Claim 5 wherein said step of selecting switchgear various configurations comprises the step of using the system pull-down menu to select a distribution breaker configuration, wherein the breaker distribution configuration comprises at least one of a trip unit type, a trip unit model, a frame size, an automatic transfer switch, and a load block priority.
- 9. A method according to Claim 1 wherein said step of receiving drawings further comprises the step of generating at least one of an equipment elevation drawing, an equipment outline drawing, and an electrical schematic.
- 10. A method according to Claim 1 wherein said step of receiving a quote further comprises the step of submitting an order to the server.
- 11. A method according to Claim 1 wherein said step of receiving a quotation further comprises the steps of:

displaying quotation data; and printing the quotation on a printer.

12. A method according to Claim 11 wherein said step of displaying a quotation further comprises the steps of:

displaying a delivery schedule; displaying methods of confirmation; displaying a transaction number; and displaying customer information.

- 13. A method according to Claim 12 wherein said step of displaying a quotation further includes the step of displaying at least one of an HTML document and a XML document on the client system downloaded by the server system.
- 14. A method according to Claim 1 wherein the client system and the server system are connected via a network and wherein the network is at least one of a wide area network, a local area network, an intranet, and the Internet.
- 15. A system for customizing and specifying a parallel switchgear system, said system comprising:

a device;

a computer server/connected to said device via a computer network and configured to receive user specifications and selected configurations; and

a product configurator system configured to receive user specifications and user selected configurations, said system further configured to generate at least one of a drawing and a quotation.

- 16. A system according to Claim 15 wherein the computer network is at least one of a wide area network, a local area network and the Internet.
- 17. A system according to Claim 15 wherein said device is configured to be a client system for a network of customer devices.
- 18. A system in accordance with Claim 15 wherein said device configured as a client system comprising a browser.
- 19. A system in accordance with Claim 18 wherein said server system configured to be coupled to said client system and a database, said server system further configured to:

display on the client system pull-down menus to configure a parallel switchgear system;

accept a user's selection of various pre-determined components of a parallel switchgear system;

store the user's selections; and

generate drawings and a price quotation for a parallel switchgear system.

20. A system according to Claim 15 wherein said server further configured to:

determine whether the features selected are available for the selected product configuration; and

display a warning for user selected non-recommended configurations.

- 21. A system according to Claim 15 wherein said server system further configured to display at least one of an HTML document and an XML document downloaded by said server system.
- 22. A system according to Claim 18 wherein said client system is further configured with:

a sending component to send an inquiry to the server system so that the server system can process and download the requested information to the client system.

23. A system according to Claim 22 wherein said server system further configured to:

access the centralized database;

search the database regarding the specific inquiry;

retrieve information from the database; and

transmit the retrieved information to the client system for display by the client system.

24. A system according to Claim 15 wherein said product configurator system comprises a plurality of graphical user interfaces for a user to enter at least one of registration information, billing information, project information, shipping information, engineering firm information, and electrical contractor information.

- 25. A system according to Claim 15 wherein said product configurator system further comprises a plurality of graphical user interfaces to configure at least one of a system, an engine-generator, and a distribution breaker.
- 26. A system according to Claim 25 wherein said product configurator system user interface comprises a user interface to select at least one of a system voltage, a number of generators, a size of generators, an enclosure, a laboratory tested listing, a short circuit ratio, a main bus size, and a main bus metering.
- 27. A system according to Claim 25 wherein said product configurator engine generator user interface comprises a user interface to select at least one of a comprises at least one of a make of generator, governor/load sharing module, a voltage regulator, an alarm shutdown, a grounding system, a potential transformer configuration, a breaker trip unit type, a breaker trip unit model, a breaker size, an annunciation unit type, and a plurality of spare inputs.
- 28. A system according to Claim 25 wherein said product configurator distribution breaker user interface comprises a user interface to select at least one of a trip unit type, a trip unit model, a frame size, an automatic transfer switch, and a load block priority.
- 29. A system according to Claim 15 wherein said product configurator system further configured to generate at least one of a bill of material, an equipment elevation drawing, an equipment outline drawing, and an electrical schematic.
 - 30. A database comprising:

data corresponding to parallel switchgear equipment; and

data corresponding to a user desired parallel switchgear system configuration.

- 31. A database according to Claim 30 further comprising data corresponding to at least one of a plurality of system configurations, a plurality of engine generator configurations, a plurality of distribution breaker configurations, and associated pricing for the various configurations.
 - 32. A computer-readable medium, comprising:



- a record of customer submitted parallel switchgear system configurations;
- a plurality of rules for matching parallel switchgear equipment to customer submitted selections for a particular configuration of a system; and
- a record of results from applying the matching rules to the customer submitted selections.
- 33. A computer-readable medium according to Claim 32 wherein said record of parallel switchgear configurations comprise records of at least one of a system configuration, an engine generator configuration, and a distribution breaker configuration.
- 34. A computer readable medium according to Claim 33 wherein said system configuration comprises at least one of a system voltage, a number of generators, a size of generators, an enclosure, a laboratory tested listing, a short circuit ratio, a main bus size, and a main bus metering.
- 35. A computer readable medium according to Claim 33 wherein said engine generator configuration comprises at least one of a make of generator, governor/load sharing module, a voltage regulation, an alarm shutdown, a grounding system, a potential transformer configuration, a breaker trip unit type, a breaker trip unit model, a breaker size, an annunciation unit type, and a plurality of spare inputs.
- 36. A computer readable medium according to Claim 33 wherein said distribution breaker configuration comprises at least one of a trip unit type, a trip unit model, a frame size, an automatic transfer switch, and a load block priority.
- 37. A computer-readable medium according to Claim 32 wherein said record of results comprises at least one record of a bill of material, a drawing, and a quotation for a parallel switchgear system.
- 38. A computer-readable medium according to Claim 37 wherein said drawings comprise a record of at least one of an equipment elevation drawing, an equipment outline drawing, and an electrical schematic.
- 39. A computer program embodied on a computer readable medium connected to a server coupled to a centralized database and at least one client system

via a network, said computer program for configuring a parallel switchgear system, comprising:

a code segment that receives user registration information;

a code segment that displays a graphic user interface for the user to select a parallel switchgear system configuration;

a code segment that receives the user selections;

a code segment that stores the selections into a centralized database;

a code segment that cross-references the selections against a unique identifier; and

a code segment that provides at least a drawing and a quotation.

40. A computer program as recited in Claim 39 further includes a code segment that:

tracks information on a real time basis; and

stores information on a real time basis by updating stored information in the centralized database by adding new information to the centralized database on a real-time basis to provide up-to-date information instantaneously to the user upon a request.

- 41. The computer program as in Claim 39 further includes a code segment that displays a graphical user interface for the user to utilize to select a configuration for the parallel switchgear system.
- 42. The computer program as recited in Claim 41 further includes a code segment that displays information through an HTML document downloaded by the server system.
- 43. The computer program as in Claim 41 wherein the selections received from the graphical user interface are stored in at least the server and the centralized database.
 - 44. A computer program as recited in Claim 39 further includes:

a code segment that accesses the centralized database;

a code segment that retrieves information from the database; and

a code segment that causes the retrieved information to be displayed on the client system.

- 45. A computer program as recited in Claim 39 further includes a code segment that monitors the security of the system by restricting access to unauthorized individuals.
- 46. The computer program as in Claim 39 wherein the network is a wide area network operable using a protocol including at least one of TCP/IP and IPX.
- 47. The computer program as recited in Claim 39 wherein the client system and the server system are connected via said network and wherein said network is at least one of a wide area network, a local area network, an internet and the Internet.